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3951 Date May 212 August Machine # / Reel. Turns 2 99 Cor. + \$ 0 Depth 3 20 Shot or lead & 6116 Bottom Co (1 46.9 Bottom temperature No. of thermometer 924 42 Cor. Corrected temperature Drift 2 10 Surface Trawl or dredge // SOUNDING WIRE. DREDGE ROPE. TURNS. N DOWN. DOWN. 10-420 49.30 10-53.30 43.10 48.25 58,10 100 44.10 47,20 11-01.40 200 0500 45.10 46.10 08.10 400 11.15 500 * 12.10 50:10. 600 19.10 45.00 11-39.10 27.10 900 1000 IIOO 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2-571

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4. 737 Date Machine. Reel. Turns 165 Cor. + 17 | Depth 1/82 Shot or lead 26 7 Bottom fre ort S. Virk Sh. Bottom temperature No. of thermometer 924 Corrected temperature Air 79. - Surface 76. - Drift Trawl or dredge Sounding WIRE. DREDGE ROPE TURNS. DOWN. DOWN. 12.17.20 12.20.10 0 19.20 21.10 100 12.19 0 12.20.20 300 400 500 600 1. 39.78. 700 800 goo 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2-571

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31. T. Date 22 May 500 Machine. - Recl. Depth 10 h Shot or lead Bottom Who, Bottom temperature No. of thermometer Corrected temperature 80 - Surface AirTravbor dredge 6 3min SOUNDING WIRE. DREDGE ROPE. TURNS. DOWN. DOWN. UP. 1-45 100 200 300 400 500 600 700 800 4 . .000 0000 OOII 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400

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Dr. 3960 Date 22 714 02. Muchine. Reck-THE S Turns - Cor. + DepthShot or lead Bottom temperature No. of thermometer 7 None Cor. Corrected temperature Air 8/. - Surface Trawbor dredge la lange in consiste SOUNDING WIRE. DA. DREDGE ROPE TURNS. DOWN. DOWN. 2-.18.15 2.18.20 2.36.30 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300

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DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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Machine. Rock.

Cor. + 1/ Depth /9 for.

Shot or lead 9. 1.

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Bottom temperature

No. of thermometer

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Air 81. - Surface

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DEPTH.	TEMP.	NO, OF THER,	COR.	COR. TEMP
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No. 0 = 3961. Date :

Hand Machine. Reel;

Turns _ Cor. +

Shot or lead 7 6

Bottom

.507.

Bottom temperature

No. of thermometer

More, Cor

Corrected temperature

Air 8/. - Surface

76, - Drift 8/10

Depth

Trawl or dredge Ship's rekre SOUNDING WIRE. SOU DOWN, DREDGE ROPE. TURNS. UP. 2.48.30 3.11. 2. .52.10 E. Sr. 50 3. 8.30 200 300 400 500 600 700 800 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400

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DEPTH.	TEMP.	NO, OF THER.	COR.	COR. TEMP,
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How Machine. Reet. J Turns _ Cor. + Depth / Shot or lead of Lo.

Bottom temperature

No. of thermometer Corrected temperature

Air 75. - Surface 77. - Drift

,, SOUNDIN	IG WIRE.		DREDGE	ROPE.
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DEPTH.	TEMP.	NO. OF THER.	COR,	COR, TEMP,
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We with . Date 22 Machine. Reel: J Turns - Cor. + DepthShot or lead 9 Bottom Auhis. Bottom temperature No. of thermometer Corrected temperature Air 75. - Surface Trawl or dredge 6 DEDGE ROPE. SOUNDING WIRE. DOWN. TURNS. DOWN. UP. 211,00 3. 7 - 1 15 100 49.10 200 300 400 500 ნიი

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And white	71 711	SERIAL TEMPE	RATURES.	
DEPTH.	TEMP.	NO. OF THER.	COR,	COR, TEMP.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP.
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3/63 Date 20 Machine. -Recl. Depth 319 19 Cor. + Shot or lead 2 6 Bottom Ali Bottom temperature No. of thermometer Cor. Corrected temperature Air Surface Drift Trawbor drodge (200 SOUNDING WIRE. DREDGE DOWN. -0650 100 200 300 10.30 400 500 600 700 800 900 1000 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400

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3767 Date Machine. Reel. Depth Cor. + Shot or lead Bottom temperature No. of thermometer Corrected temperature Surface Travel or dredge SOUNDING WIRE DREDGE ROPE. DOWN. UP. 00.20 05,30 68 03.05 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 9-571

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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP.
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Sort Dyster Dungs:

Date -

Machine. - Reel.

Turns Cor. +

Depth

Shot or lead

Bottom S. Co

Col

 $Bottom\ temperature$

No. of thermometer

Cor

Corrected temperature

Air >6 . - Surface

D .. 2.C1

SOUNDING WIRE.		DREDGE	ROPE.
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DEPTH.	TEMP.	NO, OF THER.	COR.	COR, TEMP.
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Date 23

Depth

Machine. - Reel.

Turns 20 Cor. + Shot or lead 26. C.

Bottom

Bottom temperature No. of thermometer

Corrected temperature

Air 76. - Surface 75.

Trawl or dredge

SOUNDING WIRE.		TURNS,	DREDGE ROP	ROPE.
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O.L. = 44. 1

No. 24 1/2 Date 25 Many Machine. - Reel.

Turns / 8 Cor. + /

Depth 19 Say

Shot or lead 26 Lbs.
Bottom ~ CoR

mh co.R.

Bottom temperature 75.3 No. of thermometer 924

92442. Cor.

Corrected temperature

Air 76. - Surface 75. - Drift

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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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No. The A. T. Date A. S.

Vanne Machine. - Refel. -

Turns /5 Cor. + /
Shot or lead 26 So

Bottom Co. R. Cry S.

Bottom temperature

No. of thermometer // 00

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_ Drift

Corrected temperature

Air 76. - Surface 75.

Trawl or dredge

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DEPTH.	TEMP,	NO. OF THER.	COR.	COR. TEMP.
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4277. Date 23

Machine. Recl.

Turns /6 Cor. + / Depth

Shot or lead 26 Lfs. co R

Bottom temperature

Bottom

No. of thermometer

Corrected temperature

Air 76. - Surface

Trawl or dredge

A. SOUNDING WIRE.			DREDGE ROPE.		
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2-571					

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DEPTH.	TEMP,	NO. OF THER.	COR,	COR. TEMP.
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. 4272. Date 2 Tanne Machine. _ Rect. Turns C / Cor. + ?. Depth

Shot or lead 26 Lkg.

fre who S. Bottom

Bottom temperature

No. of thermometer

Corrected temperature

76. - Surface 75.

Trawl or dredge

SOUNDING WIRE.		TURNS	DREDGE ROPE.		
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SERIAL TEMPERATURES.

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. Date

Machine. Reel. Turns 6 / Cor. +

Shot or lead 36 Lbs.

Co. R.

Bottom Bottom temperature 70. -

No. of thermometer 92 442.

Corrected temperature

Air 78 - Surface 75. -

Trawl or dredge

, SOUNDING WIRE.		THENS	DREDGE ROPE.	
DOWN,	UP.	TURNS,	DOWN.	UP
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DEPTH.	TEMP.	NO. OF THER.	COR,	COR. TEMP.
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No. 3-2. Date Machine. Rect. 1311 Cor. + 13 DepthTurns Shot or lead 36 Lt cos. Bottom 63. Bottom temperature No. of thermometer 97 Corrected temperature 78. - Surface Air Trawl or dredge 8' . . . , SOUNDING WIRE. DREDGE ROPE. TURNS. DOWN. 7.18 11 100 7 30,10 0 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000

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DEPTH,	TEMP.	NO, OF THER.	COR,	COR, TEMP.
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V. No. Dr. 3966. Date 23 May 02. Machine. Recl. Turns / 0 = Cor. + // Depth Shot or lead 36 de Bottom on cos. Bottom temperature No. of thermometer Corrected temperature Air 76. Surface Trawl or dredge 8 ' To SOUNDING WIRE. DREDGE ROPE TURNS. DOWN. UP. 10. 20,00 0.27.00 10. 2.5. 10.25.50 A -100 08.00 11.04.00 300 400 500 600 700 800 900 1000 1100 1200 1300 1100 1500 1600 1700 1800

July 18 - 180 - 180 -	87308,790.
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DEPTH.	TEMP.	NO. OF THER.	COR,	COR. TEMP.
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acte heat so - 396 Date &3 May 02. Machine. Reel. Tirns / Cor. + / 5 Depth / 68/-Shot or lead 36 Sa Bottom ors co S. Sch Sh. R Bottom temperature 18.5 No. of thermometer 92 442 . Cor. (N2) Corrected temperature - Drift 1/10' Air 76 - Surface Trawl or dredge 8 Thanks with or - JE SOUNDING WIRE. TURNS. A. M. DREDGE MOPE DOWN, 11.23.50 12-41= 11. 17. 15 11. 20. 4 19.33 IOO 200 11.60 11.11.00 300 400 500 600 700 800 1100 I(NN) 1100 1200 1300 1400 1600 1700 1800 1900 2000 2100 2200 2300 2400 9-571

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DEPTH.	TEMP,	NO. OF THER.	COR.	COR, TEMP,
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REMARKS:

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beam: I form forty for

4280 Date :: Machine. Recl. Turns / 70 Cor. + Depth // -Shot or lead Bottom Bottom temperature No. of thermometer Corrected temperature SurfaceTranst or dredge SOUNDING WIRE. TURNS. DOWN. DOWN. UP. 300 400 500 600 700 800 900 1000 1200 1300 1100 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400

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DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP
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Turns Cor. +		Depth 9) AND
Shot or lead Bottom	1		. V
Bottom temperature	H-V	(-	
No. of thermometer	Von	Cor.	
Corrected temperature	11.70		
Air 16 Surfac	ce 7	Drift	
Trawl or dredge	/		
1) 12 SOUNDING WIRE.	TURNS.	DREDGE	
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142.61 Aug 1/2 1/A- 9/2-

wo. 1. 4282 Date 123 Mario

No. F. 7282 Date | 25 Losse Machine | Reel. Navy ! Turns 13! Cor. + 12 Depth 1492

Shot or lead 35 Lh.

Bottom fre wh S. many Port,

Bottom temperature 73.7

No. of thermometer

Corrected temperature

Air 75. - Surface 74. - Drift

Trawl or dredge

SOUNDIN	IG WIRE.	TURNS.	DREDGE ROPE.		
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5.30	54.15	100			
16.55	53.15	200			
18.20	12.15	300			
19.40	.57.10	400			
21.05	10.05	500			
22.40	49.00	600			
4.00	47.10	700			
26.20	46:40	800			
27.55	45.20	900			
29.40	43.55	1000			
3/120	1/2.30	1100			
33.00	: 40.55	1200			
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SERIAL TEMPERATURES.

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P. S. 90.6 No. Hy 4283 Date 1 2 22 02 Di 2/ ce Machine # Rect. Hory Turns 5 35 Cor. + 54 Depth 589 60 . w Shot or lead gy S. mang This d Bottom Bottom temperature No. of thermometer 92 4 2 Cor. Corrected temperature Surface 75 Drift Air Trawl or dredge BOUNDING WIRE. DREDGE ROPE TURNS. DOWN. UP. 06.30 21.10 0 2.0.03 15= 100 22/1 200 10.10 300 16.30 20 400 12.20 15.15 500 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100

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	3000
	3100
	3200
	3300
	3400
	3500
3,4	3600
201	3700
113	3800
	3900
	4000

EPTH.	TEMP.	NO. OF THER.	COR,	COR, TEMP,
25				
50				
100				
200			İ	
300				
400				
500				
600				
700				
800				
900				
1000				

No. Date May 24" C 2

No. Date May 24" C 2

Turned 3 y Cor. + 46 Doplar 05

Shot or lead

Bottom crs gy S. Son Sh.

No. of thermometer

Corrected temperature

tir 74 Surface

face Drift

SOUNDING WIRE.		DREDGE	ROPE.
66wn. UP.	TURNS,	DOWN.	UP.
0.10 1.21			
1. 1 1 : 1.0	0 100		
2.30 11.	200		
13.30	300		
2.30 ?? 13.30 14.35 5.10 51/6,	36 -459		
	600		
	700		
	800		
	900		
	1000		
	1100		
	1200		
	1300		
	1400		
	1500		
	1600		
	1700		
	1800		
	1900		
	2000		
	2100		
	2200		
	2300		
	2400		

	2500	
	2600	
A 1-41.	2700	
U	2800	
- / -	2900	
	3000	
	3100	
	3200	
	3300	
. 0	3400	
15/6	3500	
1477	3600	
109	3700	
10	3800	
S)	3900	
	4000	

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200			1	
300				
400				
500				
600				
700				
800				
900				
1000				

'/ Date Machine. / Rect Turns Depth Shot or level Bottom Bottom temperature No. of thermometer Corrected temperature Air Surface Travel or dredge SOUNDING WIRE. DREDGE ROPE. TURNS. / nown. DOWN. UP. 100 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1000 2000 2100 2200 2300

2400

25°40'10" N.	170°53'30"W.
	2500
1	2600
6 121.	2700
K	2800
J'- 3	2900
	3000
	3100
	3200
	3300
	3400
	3500
0 /	3600
	3700
160	3800
101	3900
// /	4000

DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

1. dod 1. Date .011 Machine. Recl. (: Turns 149 Cor. + 15 Depth 164 Shot or load 60 Le Bottom for wh S. Mang !!. No. of thermometer 92 445, Cor. Corrected temperature Air 76. - Surface 75. - Drift Trawl or dredge SOUNDING WIRE. DREDGE ROPE. TURNS. DOWN. DOWN. 2. 3.51 0.20.50 100 -200 300 400 500 600 700 800 900 1000 1100 1200 1300

2 -571

25° 39; 40	" N. 1700 43" W.	
	2500	
. (2600	
0,3%	2700	
My.	2800	
100	2900 /	
/	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
10//	3600	
14,5/1	3700	
1 / 1	3800	
1	3900	
/ 1	4000	

DEPTH.	TEMP.	NO, OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300			İ	
400				
500				
600				
700				
Soo			1	
900				
1000				

11 450 P Date 12 is see Machine. 1 / Reel. Depth / O Turns /73 Cor. + /7 Shot or lead 36 260. Bottom on S. bok Sh Bottom temperature 2 442. Cor. No. of thermometer Corrected temperature 76. - Surface 75. - Drift Trawl or dredge SOUNDING WIRE. DREDGE ROPE. TURNS. UP. DOWN. DOWN. W. 22. 1 1.72.25 22.75 100 10 10.25.35 .200. 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1000 2000

	2500	
	2600	
1/1/2	2700	
10	2800	
C/*	2900	
20	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
15	3600	
1:11	3700	
1/	3800	
1.0	3900	
	4000	

DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700	W.			
800				
900				
0001				

P. L. 27.2. No. 2 2 1 Date 2 1 11 11

Citate Machine / Reel.

Turns 2 20 Cor. + 2 2 Depth # Shot or lead 36 Lbs.

Bottom . ach . S. Bottom temperature

No. of thermometer 92442. Cor.

Corrected temperature

Air 76. - Surface 75. - Drift

SOUNDING WIRE.		DREDGE	ROPE.
DOWN. UP.	TURNS.	DOWN.	UP
	0		
· · · · · · · · · · · · · · · · · · ·	100		
52.45 .54	Jr Jr 200		
10.0	1 1 6		
	400		
	500		
	600		
	700		
	800		
	900		
	1000		
	1100		
	1200		
	1300		
	1400		
	1500		
	1600		
	1700		
	1800		
	1900		
	2000		
	21(x)		
	2200		
	2300		
571	2400		

72. A1. 20 N	110,21,24.
a	1/ 1
	2500
16 /	2600
0 02	2700
1000	2800
7.1	2900
1	3000
	3100
	3200
	3300
	3400
0	3500
h n n	3600
1 1 1 1/2 1	3700
1-1	3800
(N)	3900
	4000

DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

1 89. Date 4 May 02 Machine. Reel. North.

Shot or lead 35 Lb

Bottom temperature

Bottom

No. of thermometer

Corrected temperature

Air 77. - Surface

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.		
nown.	UP.	TURNS.	DOWN.	UP	
	11 12				
	". 33.25	0			
	12.00	100			
"" . ""	€1.25	200			
23.15	***	300			
24.30	1.7.15	400			
25.35	J.C. 'a	500		,	
1. 26.10	11.27.00	-600			
1		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
		2400			

	2500
100	2600
1777.	2700 /
200.	2800 /
g	2900
	3000
	3100
. (0)	3200
14.6	3300
5 5%	3400
	3500
4.0	3600
V	3700
	3800
	3900
	4000

EPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
1)00				
1000				

traminan P.S .= 31. 2 24 min 02 Hy 4290. Date No. Single Machine M/ Reel. Navy. Depth 1068 Fine Turns 973 Cor. + 95 60 Mes. Shot or load M. Wh. 60 Bottom 36 Bottom temperature 92442 No. of thermometer Corrected temperature Air . 77. Surface Drift Travel or dredge SOUNDING WIRE DREDGE ROPE. TURNS. DOWN. UP. 11-57.05 58 = 17.50 100 58.50 16.45 200 M 59.45 15.35 300 12-00.40 14.30 400 01.35 13.10 500 12.30 600 03.30 10.50 700 04.35 09.40 800 08.30 05.35 973 06.30 07.43 1100 1200 1300 1400 1500 1600 1700 1800 1000 2000 2200 2300 2400 9-571

	2500
	2600
Ah	2700
9.7	2800
15	2900
	3000
	3100
	3200
	3300
_ 1	3400
1 1	3500
60 260	3600
13 163	3700
87 93	3800
19 91	3900
100	8 4000

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP
25				
50				
100				
200				
300				
400				
500			12	
600	- 5		8	
700				
800				
900				
1000				

No. Date

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		1	DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

4-60 3-35 3x-60 60-35

4292 - Sh.